StarDrop™ 8

StarDrop 8 FAQs

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What are the key features of StarDrop 8 that support collaboration?

StarDrop 8 supports collaboration through collaborative projects, shared data sets, intuitive workspaces, and centralised idea tracking, all backed by Optibrium's ISO27001-accredited information security management system.

Collaborative projects enable teams to stay aligned and informed about project data in real-time, even when working in distributed and time-sensitive environments.

Team members have the flexibility to work in their own workspaces while sharing their insights effectively.

Data sets can be shared so that each team maintains a consistent view of projects, minimising inefficiencies caused by duplicated efforts.

Centralised **tracking of new ideas** offers a shared perspective across all projects, enabling users to learn from past decisions and ultimately boosting impact and productivity.

How does StarDrop 8 enable collaboration between teams?

When a StarDrop user creates a **project**, they can invite team members to work collaboratively, accessing **data sets** and **workspaces** that have been shared with them. Within the **project**, members can also create and share their own **data sets** and **workspaces** with their analyses. Team members stay aligned, receiving real-time updates on new compounds, data and annotations. New compound ideas are tracked from conception to registration so that no idea is lost and key design decisions are identified.

Are the changes made in StarDrop 8 collaboration updated in real time?

Yes. StarDrop 8 updates are dynamic and occur in real time. StarDrop's shared data set model is efficient and cleanly versioned, with real-time update support for a single source of truth. Collaborators can share entire workspaces or only the underlying data set(s).

What are the differences between a shared project, a workspace, and data set?

A **project** is a shared space where team members can collaborate. A project contains your workspaces and data sets, which can be personal, or shared with other team members. A **workspace** is where you analyse and visualise your data. Within a workspace, you will find data tables, dashboards and Card layouts, as well as any analyses you carry out. A **data set** serves as the source of truth for your compounds and data, updated in real time as new information becomes available.

How much control does a user have over access and permissions?

A StarDrop project is a shared space where users can collaborate; a project **owner** can invite users to join their project and access their data set. Users can be designated as **members** or **owners**. Within the project, each member can access workspaces and data sets that have been shared with them and can create their own.

Users can choose to work privately or collaborate actively with colleagues by sharing their workspaces and data sets and granting access permissions (**owner**, **editor** or **viewer**) to other team members. A **viewer** will see all updates made by owners and editors of a shared data set or workspace. They can make no changes but can save their own copy to edit. **Owners** and **editors** can actively collaborate in the shared workspaces and data sets. When sharing a data set or workspace with a colleague, you can grant access up to your own permission level (i.e. an editor cannot make someone else an owner of a workspace).

How are conflicts resolved when two users make changes to the data at the same time?

If two users make changes to the same data at the same time, the user who submitted the second change will see the conflict flagged and will receive a notification offering the opportunity to resolve it by selecting one of the entries or merging both. for your compounds and data, updated in real time as new information becomes available.

How do I add collaboration in StarDrop 8 to my existing StarDrop installation?

StarDrop 8 is available for both the cloud-hosted and the desktop versions of StarDrop. Technical support is available to help you integrate StarDrop 8 into your workflow. The collaborative capabilities are hosted by Optibrium. If you are interested in adding these capabilities, please contact your account manager or our support team at support@optibrium.com.

Can I add notes in StarDrop 8?

Yes. StarDrop has always supported the ability to tag or add notes and annotations to compounds in columns in your data set that you can configure. This allows you to capture observations about specific compounds and data to share with your colleagues. With collaborative working in StarDrop 8, there is now a Project Notebook which can be used to guide project meeting discussions, capture notes and action items at a higher level.

What security and access features are available in StarDrop 8?

Administrative users can easily manage user access permissions through the Optibrium Administration Panel. Here, administrators can also manage access to workspaces and data sets amongst project members.

StarDrop 8 is backed by Optibrium's ISO27001-accredited information security management system. Please consult our **white paper** or contact support@optibrium.com for more information.

Will the collaboration capabilities change the way that I work with other StarDrop capabilities and modules?

You will still be able to work with all the capabilities of StarDrop that you currently license. In a collaborative environment you will find it easier to share data and insights from the work you have done across all the modules you license.

Can I upgrade to StarDrop 8 without adding collaboration?

Yes! StarDrop 8 includes many new features, enhancements and bug fixes, including **new and updated ADME QSAR models, property counts,** and **descriptors, updates to the function editor**, and many more. Please contact support@optibrium.com to request more information.

We encourage all current users to upgrade their desktop installation to take advantage of these changes. Organisations using the cloud-hosted version of StarDrop will automatically receive this upgrade.

Which new models are available?

In StarDrop 8, we have introduced new categorical models for Ames mutagenicity and Human Liver Microsome (HLM) intrinsic clearance, as well as continuous models for hERG pKi and Caco2 permeability. Additionally, we have updated our Human Intestinal Absorption (HIA) and Blood-Brain Barrier (BBB) category models.

We now offer simple property models for Topological Polar Surface Area (TPSA) with No Simplified Representation (NOSP) and McGowan's Volume (Vx). Furthermore, we've incorporated numerous new descriptors that allow for the counting of atom types, functional groups, and types of rings within a compound.

Does Optibrium offer support to help me upgrade to StarDrop 8?

Our responsive Application Science team is available to answer your questions, assist you with setting up StarDrop 8 and provide comprehensive training. Please contact support@optibrium.com to learn more.

Can I integrate StarDrop 8 with third-party software packages?

Yes. StarDrop 8 will continue to have the same integration options as previous versions of StarDrop. You can integrate StarDrop 8 with third-party software packages using Python scripts or the Models server. We have created example integrations to several third-party applications, and these are available to download from our Customer Hub. To learn more, or if there is a specific application that you would like to integrate with StarDrop, please enquire at support@optibrium.com.

What are the deployment options for StarDrop 8?

StarDrop is available as a cloud-hosted platform, accessed via a web browser, or an organisation can install StarDrop locally as a desktop client. The collaboration capabilities in StarDrop 8 are cloud-hosted by Optibrium and can be accessed using either desktop or cloud-hosted StarDrop.

What are the technical requirements for StarDrop 8?

The desktop version of the StarDrop client is supported on Windows 11 and macOS operating systems. StarDrop is also available as a cloud-hosted application, accessible through any modern web browser, independent of the operating system. For further details, please contact support@optibrium.com.

What happens if my internet crashes while I'm working in the cloud?

If you lose your internet connection, you will need to reconnect to the internet to continue working with the cloud-hosted StarDrop platform. Your data and analyses are secure in Optibrium's cloud environment.

For users with collaboration, the real-time updates mean that your latest changes to the data are securely saved, and you can pick up exactly where you left off the next time you reconnect. Some changes (e.g. the customisation of a chart) are not automatically saved to the server, and, on reconnecting, you would reopen the latest saved workspace.

How is my data kept secure in the cloud?

Optibrium operates on an ISO 27001-accredited information security system. With enhanced data security protocols, all information is protected behind a firewall, and data transfer between the user and the cloud is encrypted, so you can upload or download files securely.

Please read our **white paper** or contact support@optibrium.com for more information.